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OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314				
EXAMINER				
WANG-HURST, KATHY W				
ART UNIT		PAPER NUMBER		
2617				
NOTIFICATION DATE		DELIVERY MODE		
10/30/2008		ELECTRONIC		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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# Office Action Summary

**Application No.**

10/594,336

**Applicant(s)**

SASAKI, KOJI

**Examiner**

KATHY WANG-HURST

**Art Unit**

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 October 2008.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 14-26 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 14-26 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-946)  
3) ☐ Information Disclosure Statement(s) (PTO/SF/US)  
Paper No(s)/Mail Date \_\_\_\_\_  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_  
5) ☐ Notice of Informal Patent Application  
6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's amendment filed on 10/2/2008 has been entered. Claims 1-13 were cancelled. Claims 14, 16, 22, 24, 25 and 26 are amended. Claims 14-26 are still pending in this application.

### ***Response to Arguments***

2. Applicant's arguments filed have been fully considered but they are not persuasive.

The applicant's argued features wherein a wireless mobile unit allowing user to input numerical values that correspond to assigned numer/alpha information, searching from a database to extract the information based on the user input, displaying the extracted information on a display, and accepting a call request when a function is pressed after the numeric input is entered, read upon Padawer as follows.

Padawer is discussing a cell phone dialing up a phone number based on user input.

Thus Padawer shows the limitation of "a cellular telephone allowing registration information to be called up and used". Padawer discusses the cell phone searching and matching the user's numerical input with a corresponding piece of information such as a phone number or a person's name. As Fig. 2E illustrates, the input of "5626" corresponds to "(621)562-69\*\* Amy Wright". Thus Padawer shows the limitation of "there being an assignment relationship established between each numerical key included among dial keys of the cellular telephone, and a numerical character on each numerical key and/or a plurality of single alphabetical characters". Padawer discusses

the cell phone having a database and matching user's numerical input with the corresponding information which is retrieved from the database. Thus Padawer shows the limitation of "said cellular telephone comprising: a storage part for storing a database in which numeric data and a piece of registration information are associated with each other, the numeric data being obtained by numerical conversion of a keyword related to said piece of registration information in accordance with said assignment relationship." Padawer discussed a cell phone having a dial button which allows the user to press after user enters some numerical value(s). As Fig. 2B illustrates, when user enters "5" the corresponding piece of information is "speed dial 5 Amy" and a call is triggered after user press the dial button, as shown in paragraph [0043]. Thus Padawer shows the limitation of cellular phone having "a predetermined function key; an acceptance part for accepting a numeric string entered by using said dial keys as a call request for a predetermined piece of registration information when the function key is pressed after the numeric string is entered". Padawer discusses a cell phone searching for matches upon user input against a database to locate corresponding information. As Fig. 2E illustrates, the input of "5626" corresponds to "(621)562-69\*\*". Thus Padawer shows limitation of the cellular phone having "an extraction part for searching said database to extract a piece of registration information associated with numeric data containing said numeric string." Padawer also discusses the cell phone displaying the matched information on the screen as shown on Fig. 2A-2F. Thus Padawer shows the limitation of said cellular telephone having "a display part for displaying the piece of registration information extracted by said extraction part".

Therefore, the argued limitations read upon the cited references or are written broad such that they read upon the cited references, as follows.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 14-16, 18, 20, 22-26 are rejected under 35 U.S.C. 102(b) as being anticipated by Padawer et al. (US 2002/0052196), herein referred as Padawer.

Regarding Claims 14 and 24, Padawer discloses a cellular telephone allowing registration information to be called up and used, there being an assignment relationship established between each numerical key included among dial keys of the cellular telephone, and a numerical character on each numerical key and/or a plurality of single alphabetical characters (see [0018] and Fig. 2A-2F, a cell phone matching corresponding information upon user entering numerical values), said cellular telephone comprising: a storage part for storing a database in which numeric data and a piece of registration information are associated with each other ([0018] and Fig. 2A-2F), the numeric data being obtained by numerical conversion of a keyword related to said piece of registration information in accordance with said assignment relationship ([0018] database, and matching numeric entry against corresponding number or name); a predetermined function key ([0043] a dial button to perform speed dial therefore a

predetermined function key); an acceptance part for accepting a numeric string entered by using said dial keys as a call request for a predetermined piece of registration information when the function key is pressed after the numeric string is entered ([0043] cell phone accepting user entering a key and calling a party after dial button is pressed); an extraction part for searching said database to extract a piece of registration information associated with numeric data containing said numeric string ([0016] [0018] filtering therefore extracting and searching for the match); and a display part for displaying the piece of registration information extracted by said extraction part ([0019] and Fig. 2A-2F, display the matched information).

Regarding Claim 15, Padawer discloses the cellular telephone according to claim 14, further comprising: a registration part for registering numeric data and a new piece of registration information in association with each other in said database when accepting the registration of the new piece of registration information, said numeric data being obtained by numerical conversion of a keyword related to the new piece of registration information in accordance with said assignment relationship ([0069] when new information is entered, the phone will filter through databases to find corresponding information).

Regarding Claim 16, Padawer discloses the cellular telephone according to claim 14, wherein when said numeric string is entered and the predetermined function key is pressed, said acceptance part displays types of said registration information to accept a selection thereof, thereby accepting said numeric string as a call request for a selected

type of registration information ([0043] enter speed dial number and select select speed dial function to trigger a call).

Regarding Claim 18, Padawer discloses the cellular telephone according to claim 14, wherein said registration information includes a telephone number ([0043]).

Regarding Claim 20, Padawer discloses the cellular telephone according to claim 14, wherein said registration information includes a function registered in the cellular telephone ([0043] speed dial function).

Regarding Claim 22, Padawer discloses the cellular telephone according to claim 14, further comprising: a call request part for requesting said acceptance part to call up said predetermined piece of registration information which specifies said numeric string when said numeric string is entered on a standby screen and the predetermined function key is pressed ([0043] [0052] and Fig. 2A-2F).

Regarding Claim 23, Padawer discloses the cellular telephone according to claim 22, wherein when part of said numerical string is entered on said standby screen, said call request part searches said database for a keyword containing a character string obtained by character conversion of said part in accordance with said assignment relationship to extract and display keyword candidates on said standby screen, thereby accepting a selection there among, and requests said acceptance part to call up said predetermined piece of registration information corresponding to a selected keyword ([0018] numeric entries corresponding to user's first name or surname therefore character conversion).

Regarding Claim 25, Padawer discloses a cellular telephone allowing registration information to be called up and used, there being an assignment relationship established between each numerical key included among dial keys of the cellular telephone, and a numerical character on each numerical key and/or a plurality of single alphabetical characters, said cellular telephone comprising: a storage part for storing registration information ([0018] database storing user information); a predetermined function key ([0043] speed dial button therefore predetermined function key); an acceptance part for accepting a numeric string as a call request for a predetermined piece of registration information when the numeric string is entered by using said dial keys, the numeric string being obtained by numerical conversion of a keyword related to said registration information in accordance with said assignment relationship when the function key is pressed after the numeric string is entered ([0016] [0018]); and an extraction part for extracting a piece of registration information corresponding to said numeric string ([0016] [0018]).

Regarding Claim 26, Padawer discloses a personal digital assistant ([0005]) including numerical keys, said personal digital assistant allowing registration information to be called up and used, there being an assignment relationship established between each of the numerical keys of the personal digital assistant, and a numerical character on each numerical key and/or a plurality of single alphabetical characters, said personal digital assistant comprising: a storage part for storing a database in which numeric data and a piece of registration information are associated with each other, the numeric data being obtained by numerical conversion of a keyword related to said piece of



registration information in accordance with said assignment relationship ([0018]); a predetermined function key ([0043]); an acceptance part for accepting a numeric string entered by using said numerical keys as a call request for a predetermined piece of registration information ([0016] [0018]); an extraction part for searching said database to extract a piece of registration information associated with numeric data containing said numeric string ([0016] [0018]); and a display part for displaying the piece of registration information extracted by said extraction part ([0019]).

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 17, 19 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Padawer in view of Schon (US 2004/0248621).

Regarding Claim 17, Padawer discloses the cellular telephone according to claim 14 wherein said registration includes address ([0067]), but fails to disclose said registration information includes an e-mail address.

Schon teaches an electronic device that allows user to conduct electronic mail ([0002][0003][0019]) therefore email address must exist to perform email service.

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to incorporate the e-mail address taught by Schon

into the registration information disclosed by Padawer in order to enhance the functionality of the cellular phone by integrating multiple different functions into one device ([0002]), and fulfill many different functions by using multi-functional programmable keys ([0019]). This multi-functional use of the keys reduces the need for more keys as the number of operation functions increase in electronic device.

Regarding Claim 19, Padawer discloses the cellular telephone according to claim 14 wherein said registration information includes a telephone number ([0067]), but fails to disclose said registration information includes a telephone number serving as a destination of short message service.

Schon teaches an electronic device that allows users to send short messages ([0002] [0053]).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to incorporate the short message service taught by Schon into the cellular telephone disclosed by Padawer in order to enhance the functionality of the cellular phone by integrating multiple different functions into one device ([0002]) and fulfill many different functions by using multi-functional programmable keys ([0019]). This multi-functional use of the keys reduces the need for more keys as the number of operation functions increase in electronic device.

Regarding Claim 21, Padawer discloses the cellular telephone according to claim 14 wherein said registration information includes an address ([0067]), but fails to disclose said registration information includes an address of a favorite site.

Schon teaches an electronic device that provides web services ([0003] [0058]) therefore website address must exist to perform web service.

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to incorporate the web address taught by Schon into the cellular telephone database disclosed by Padawer in order to enhance the functionality of the cellular phone by integrating multiple different functions into one device ([0002]) and fulfill many different functions by using multi-functional programmable keys ([0019]). This multi-functional use of the keys reduces the need for more keys as the number of operation functions increase in electronic device.

### ***Conclusion***

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KATHY WANG-HURST whose telephone number is (571) 270-5371. The examiner can normally be reached on Monday-Thursday, 7:30am-5pm, alternate Fridays, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on (571) 272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KATHY WANG-HURST/  
Examiner, Art Unit 2617

/NICK CORSARO/  
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